



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Frederick Gruner; Nazar Zaidi; Abbas Rashid; Mark Bryers	Confirmation No.	6870
Serial No.:	09/900,514		
Filed:	July 6, 2001	Customer No.:	28863
Examiner:	Michael J. Moore, Jr.		
Group Art Unit:	2666		
Docket No.:	1014-057US01/JNP-0254		
Title:	CROSS-BAR SWITCH		

TERMINAL DISCLAIMER

Mail Stop Amendment
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

The owner of record of a 100 percent interest in the above-identified application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the term of any patent granted on U.S. Patent Application Serial No. 10/036,595. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted from the patent application Serial No. 10/036,595 are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors and/or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of any patent granted from the patent application Serial No. 10/036,595 in the event that it later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims

cancelled by a reexamination certification, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

The undersigned is an attorney of record.

Date:

December 15, 2005

SHUMAKER & SIEFFERT, P.A.
8425 Seasons Parkway, Suite 105
St. Paul, Minnesota 55125
Telephone: 651.735.1100
Facsimile: 651.735.1102

By:

Kent J. Sieffert

Name: Kent J. Sieffert

Reg. No.: 41,312